

WEST Search History

DATE: Thursday, September 26, 2002

Set Name **Query**
side by side

Hit Count **Set Name**
result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L2 (liposome\$) adj5 (coat\$) adj5 (calcium adj1 phosphate\$)

16 L2

L1 liposome\$ adj5 (implant or implants)

15 L1

END OF SEARCH HISTORY

WEST

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L1: Entry 11 of 15

File: USPT

May 26, 1998

DOCUMENT-IDENTIFIER: US 5755788 A

TITLE: Prosthesis and implants having liposomes bound thereto and methods of preparation

Brief Summary Text (2):

This invention relates to prostheses and implants used in in vivo surgery, which have bound thereto liposomes in which one or more pharmaceuticals are enveloped. The liposomes can be bound to the prostheses or implants by treating the surfaces first with an amphiphilic agent or by using liposomes having available functional groups which result in binding to those surfaces. The liposomes can be reacted with effective amounts of saccharides or other saccharide stabilizing agents which render the liposomes stable to freezing and thawing or dehydration, which liposomes, if dehydrated, are capable of rehydration. The invention also relates to methods of preparation of the prostheses and implants provided by the invention and to certain liposomes.

Brief Summary Text (9):

It is therefore desired to have improved prostheses and implants which have bound thereto liposomes and which resist infections or thrombosis formation in the environment of the prostheses or implants when they are embedded into the body by in vivo surgery. It would further be desired that the liposomes which are bound to the surfaces of the prostheses or implants be resistant to degradation upon freezing and thawing or dehydration. This will permit the prostheses or implants to be made outside the operating room and to be made available to the surgical staff in the operating room in a sterile preformed condition or as a sterile kit. It is desired that the quantity of surfactant or other amphiphilic agent which is not bound to the liposomes, if such amphiphilic agent is used, will be of sufficiently low quantity so as to preclude any substantial tendency to cause thrombosis. It further would be highly desirable to have prostheses and implants which do not utilize amphiphilic agents as a separate and distinct treatment on the surfaces of the prostheses or implants and to have prostheses and implants having bound to the surfaces thereof liposomes carrying one or more pharmaceuticals in which the liposome is provided in frozen or dehydrated form, either by lyophilization, spray drying or other means of dehydration and which liposomes can be readily rehydrated.

Brief Summary Text (38):

It has been found preferable to utilize in this invention liposomes which have been stabilized against damage by freezing or drying. It has been found that these liposomes so stabilized can be applied to the prosthesis or implant outside the operating room under conditions which foster careful quality control and production methods. If properly stabilized, the liposomes can be frozen or freeze-dried or otherwise dried and can be stored indefinitely under sterile conditions. Prostheses or implants with such liposomes and so produced are highly desirable from many points of view. The bound liposomes of these prostheses or implants can be rehydrated or warmed and brought back to original stable condition, which are viable when inserted into the body by surgery. Such produced prostheses or implants which are frozen or dehydrated can be appropriately placed into a package, such as a sealed plastic pouch, and appropriately sterilized to provide a sterile kit which can be brought into the operating room for implantation or insertion by surgery into the body. Suitable polymers can be used to make the heat sealed kits, such as polyvinylchloride, polyester, certain coextruded films, and the like. This obviously provides a highly convenient form and permits a very substantial reduction in risk in

utilizing prostheses or implants having bound liposomes.

Brief Summary Text (40):

The drying or freeze-drying is preferably carried out while the liposomes are surrounded by such stabilizing aqueous solution. For example, the liposomes can be suspended in a solution containing 1 to 10 percent sucrose or trehalose. It is not desired to be bound by any particular scientific theory as to the reason the liposomes as present on the prostheses or implants are stable to such dehydration and rehydration or freezing or freeze-drying. However, it is felt that one possible explanation is that the stabilizing agent complexes with the liposome-forming compounds, thereby stabilizing the liposome structure.

Brief Summary Text (50):

The amount of amphiphilic agent or liposomes can be determined by stripping the prosthesis with chloroform or other effective solvent. Stability of the liposomes on the surfaces of a prosthesis or implant after freezing and thawing or dehydration, can be determined by measuring the amount and rate of pharmaceuticals in the liposomes appearing in a blood serum bath or other liquid bath surrounding a prosthesis or implant.

CLAIMS:

19. A kit of claim 16 wherein the liposomes of contained prosthesis or implant of claim 1 are in a frozen state.

20. A kit of claim 18 wherein the liposomes of contained prosthesis or implant are in a dehydrated state.

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 15 of 15 returned.**☐ 1. Document ID: US 6376459 B1

L1: Entry 1 of 15

File: USPT

Apr 23, 2002

US-PAT-NO: 6376459

DOCUMENT-IDENTIFIER: US 6376459 B1

TITLE: Inhibiting B cell activation with soluble CD40 or fusion proteins thereof

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aruffo; Alejandro A.	Edmonds	WA		
Ledbetter; Jeffrey A.	Seattle	WA		
Stamenkovic; Ivan	Brookline	MA		
Noelle; Randolph	Plainfield	NH		

US-CL-CURRENT: 514/2; 424/133.1, 514/12, 514/885, 530/350, 530/866, 530/868

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6162820 A

L1: Entry 2 of 15

File: USPT

Dec 19, 2000

US-PAT-NO: 6162820

DOCUMENT-IDENTIFIER: US 6162820 A

TITLE: Method for removing parasites and in particular ectoparasites of vertebrates, in particular of mammals, and compositions for the implementation of this method

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jeannin; Philippe	Tournefeuille			FR
Teichner; Marc	Ste Foy les Lyons			FR
Timmons; Philid Reid	Durham	NC		
Kukorowski; Kenneth Anthony	Raleigh	NC		
Julia; Bruno	Toulouse			FR
Vienot; Jean-Yves	Lyons			FR
Wu; Tai-Teh	Chapell Hill	NC		

US-CL-CURRENT: 514/407; 514/94, 987/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 3. Document ID: US 6071543 A

L1: Entry 3 of 15

File: USPT

Jun 6, 2000

US-PAT-NO: 6071543

DOCUMENT-IDENTIFIER: US 6071543 A

TITLE: Pyridine-thiols reverse mucocutaneous aging

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thornfeldt; Carl R.	Nampa	ID		

US-CL-CURRENT: 424/642; 424/702, 514/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 4. Document ID: US 6001384 A

L1: Entry 4 of 15

File: USPT

Dec 14, 1999

US-PAT-NO: 6001384

DOCUMENT-IDENTIFIER: US 6001384 A

TITLE: Method for fighting against myiasis affecting cattle and sheep populations and compositions for implementing same

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jeannin; Philippe	Tournefeuille			FR

US-CL-CURRENT: 424/405; 424/407, 424/408, 424/409, 424/438, 424/442, 424/45, 424/450, 424/451, 424/456, 424/46, 424/464, 424/47, 424/484, 424/489, 424/490, 424/DIG.8, 514/407, 514/937, 514/944, 514/962

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 5. Document ID: US 5997863 A

L1: Entry 5 of 15

File: USPT

Dec 7, 1999

US-PAT-NO: 5997863

DOCUMENT-IDENTIFIER: US 5997863 A

TITLE: Attenuation of wound healing processes

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zimmermann; Joseph	Elm Grove	WI		
Vlodavsky; Israel	Jerusalem			IL
Bennett; Clark	Pierrefonds			CA
Danagher; Pamela	Montreal			CA
Broughton; Richard	Montreal			CA

US-CL-CURRENT: 424/94.5; 424/94.61, 435/200, 435/201, 435/232, 514/2, 514/8, 530/825,
536/23.2, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 6. Document ID: US 5985935 A

L1: Entry 6 of 15

File: USPT

Nov 16, 1999

US-PAT-NO: 5985935

DOCUMENT-IDENTIFIER: US 5985935 A

TITLE: Treatment and prophylaxis of diseases caused by parasites, or bacteria

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kharazmi; Arsalan	Charlottenlund			DK
Christensen; S.o slashed.ren Br.o slashed.gger	Niv.ang.			DK
Ming; Chen	Copenhagen .O slashed.			DK
Theander; Thor Grundtvig	Holte			DK

US-CL-CURRENT: 514/679

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
Draw Desc	Image									

☐ 7. Document ID: US 5964261 A

L1: Entry 7 of 15

File: USPT

Oct 12, 1999

US-PAT-NO: 5964261

DOCUMENT-IDENTIFIER: US 5964261 A

TITLE: Implantation assembly

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neuenfeldt; Steven	Vernon Hills	IL		
Daugird; Joanne	Ingleside	IL		
Brauker; James	Flagstaff	AZ		
Geller; Robin Lee	Buffalo Grove	IL		
Fredericksen; Scott	Kenosha	WI		
Jones; Mark	Mudelein	IL		
Loudovaris; Thomas	Grayslake	IL		
Maryanov; David	Kenosha	WI		
Shors; Stephanie	St. Charles	MO		

US-CL-CURRENT: [141/327](#); [141/100](#), [141/313](#), [141/325](#), [141/329](#), [206/439](#), [424/424](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 8. Document ID: US 5932248 A

L1: Entry 8 of 15

File: USPT

Aug 3, 1999

US-PAT-NO: 5932248

DOCUMENT-IDENTIFIER: US 5932248 A

TITLE: Controlled release preparations for cytotoxic or cytostatic drugs

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Yan	Duncraig			AU
Gray; Bruce Nathaniel	Claremont			AU

US-CL-CURRENT: [424/486](#); [424/484](#), [424/488](#), [424/490](#), [424/494](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 9. Document ID: US 5783179 A

L1: Entry 9 of 15

File: USPT

Jul 21, 1998

US-PAT-NO: 5783179

DOCUMENT-IDENTIFIER: US 5783179 A

TITLE: C-reactive protein fragment with immunomodulatory activity

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nestor, Jr.; John J.	Cupertino	CA		
Ho; Teresa H.	Los Altos	CA		
Eppstein; Deborah A.	Palo Alto	CA		
Felgner; Philip L.	San Diego	CA		
Barna; Barbara P.	Berea	OH		
Deodhar; Sharad D.	Shaker Heights	OH		

US-CL-CURRENT: 424/85.2; 514/14, 530/327

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 10. Document ID: US 5776892 A

L1: Entry 10 of 15

File: USPT

Jul 7, 1998

US-PAT-NO: 5776892

DOCUMENT-IDENTIFIER: US 5776892 A

TITLE: Anti-inflammatory peptides

DATE-ISSUED: July 7, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Counts; David F.	Coram	NY		
Duff; Ronald G.	East Moriches	NY		

US-CL-CURRENT: 514/11; 514/15, 514/16, 514/17, 514/18, 530/317, 530/327, 530/328, 530/329, 530/330, 530/345

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 11. Document ID: US 5755788 A

L1: Entry 11 of 15

File: USPT

May 26, 1998

US-PAT-NO: 5755788

DOCUMENT-IDENTIFIER: US 5755788 A

TITLE: Prosthesis and implants having liposomes bound thereto and methods of preparation

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strauss; George	Piscataway	NJ		

US-CL-CURRENT: 623/1.1; 623/920, 623/921

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 12. Document ID: US 5618798 A

L1: Entry 12 of 15

File: USPT

Apr 8, 1997

US-PAT-NO: 5618798

DOCUMENT-IDENTIFIER: US 5618798 A

TITLE: Use of sucralfate to treat baldness

DATE-ISSUED: April 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bar-Shalom; Daniel	DK-2980 Kokkedal			DK
Bukh; Niels	DK-2900 Hellerup			DK

US-CL-CURRENT: 514/53; 514/25, 514/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 13. Document ID: US 4997652 A

L1: Entry 13 of 15

File: USPT

Mar 5, 1991

US-PAT-NO: 4997652

DOCUMENT-IDENTIFIER: US 4997652 A

TITLE: Biodegradable ocular implants

DATE-ISSUED: March 5, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Vernon G.	Rockville	MD		

US-CL-CURRENT: 424/428; 414/427, 424/427

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 14. Document ID: US 4868289 A

L1: Entry 14 of 15

File: USPT

Sep 19, 1989

US-PAT-NO: 4868289

DOCUMENT-IDENTIFIER: US 4868289 A

TITLE: Glycosidic derivatives

DATE-ISSUED: September 19, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Magnusson; Hans G.	Lund			SE
Frejd; Torbjorn	Sodra Sandby			SE

US-CL-CURRENT: 536/4.1; 536/17.2, 536/17.5, 536/17.6, 536/17.7, 536/17.8, 536/17.9,
536/18.2, 536/18.4, 536/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 15. Document ID: JP 04059735 A

L1: Entry 15 of 15

File: DWPI

Feb 26, 1992

DERWENT-ACC-NO: 1992-118330

DERWENT-WEEK: 199215

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TITLE: Haemoglobin-contg. liposome - contains haemoglobin aq. soln., electron donor
an electron transmitter encapsulated in a lipid bi:layer for preservation of substd.
blood

PRIORITY-DATA: 1990JP-0166631 (June 27, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04059735 A	February 26, 1992		015	

INT-CL (IPC): A61K 9/12; A61K 37/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
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Terms	Documents
liposome\$ adj5 (implant or implants)	15

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L2: Entry 1 of 16

File: USPT

Jun 4, 2002

US-PAT-NO: 6399298

DOCUMENT-IDENTIFIER: US 6399298 B1

TITLE: Ku70--related methods

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Gloria C.	New York	NY		
Cordon-Cardo; Carlos	New York	NY		
Ouyang; Honghai	New York	NY		

US-CL-CURRENT: 435/6; 435/7.1, 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

[KIMC](#)☐ 2. Document ID: US 6350445 B1

L2: Entry 2 of 16

File: USPT

Feb 26, 2002

US-PAT-NO: 6350445

DOCUMENT-IDENTIFIER: US 6350445 B1

TITLE: Method of treating cancer with a tumor cell line having modified cytokine expression

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaffee; Elizabeth M.	Lutherville	MD		
Pardoll; Drew M.	Brookville	MD		
Levitsky; Hyam I.	Owings Mills	MD		

US-CL-CURRENT: 424/93.21; 424/277.1, 424/93.7, 435/375

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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[KIMC](#)

☐ 3. Document ID: US 6323027 B1

L2: Entry 3 of 16

File: USPT

Nov 27, 2001

US-PAT-NO: 6323027

DOCUMENT-IDENTIFIER: US 6323027 B1

TITLE: Common gamma chain monoclonal antibody blocking agents

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Burkly; Linda C.	West Newton	MA		
Benjamin; Christopher D.	Beverly	MA		
Hession; Catherine	Hingham	MA		
Whitty; Adrian	Franklin	MA		

US-CL-CURRENT: 435/334; 530/388.22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 4. Document ID: US 6316003 B1

L2: Entry 4 of 16

File: USPT

Nov 13, 2001

US-PAT-NO: 6316003

DOCUMENT-IDENTIFIER: US 6316003 B1

TITLE: Tat-derived transport polypeptides

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA		
Pabo; Carl	Newton	MA		
Barsoum; James G.	Lexington	MA		
Fawell; Stephen E.	Winchester	MA		
Pepinsky; R. Blake	Arlington	MA		

US-CL-CURRENT: 424/196.11; 424/192.1, 424/193.1, 424/194.1, 424/195.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

☐ 5. Document ID: US 6187306 B1

L2: Entry 5 of 16

File: USPT

Feb 13, 2001

US-PAT-NO: 6187306

DOCUMENT-IDENTIFIER: US 6187306 B1

TITLE: Melanoma cell lines expressing shared immunodominant melanoma antigens and methods of using same

DATE-ISSUED: February 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pardoll; Drew M.	Brookeville	MD		
Jaffee; Elizabeth	Lutherville	MD		
Adler; Adam	Pikesville	MD		
Topalian; Suzanne L.	Brookeville	MD		
Rosenberg; Steven A.	Potomac	MD		

US-CL-CURRENT: 424/93.21; 424/277.1, 424/93.2, 435/325, 435/455, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 6. Document ID: US 6159707 A

L2: Entry 6 of 16

File: USPT

Dec 12, 2000

US-PAT-NO: 6159707

DOCUMENT-IDENTIFIER: US 6159707 A

TITLE: Sperm receptors

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ronnett; Gabriele V.	Lutherville	MD		
Walensky; Loren	Baltimore	MD		
Ruat; Martial	Bourg la Reine			FR
Snyder; Solomon H.	Baltimore	MD		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/7.1, 530/350, 536/23.1, 536/23.5, 536/24.3, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 7. Document ID: US 6087174 A

L2: Entry 7 of 16

File: USPT

Jul 11, 2000

US-PAT-NO: 6087174

DOCUMENT-IDENTIFIER: US 6087174 A

TITLE: Growth medium for primary pancreatic tumor cell culture

DATE-ISSUED: July 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaffee; Elizabeth M.	Lutherville	MD		
Pardoll; Drew M.	Brookville	MD		
Levitsky; Hyam I.	Owings Mills	MD		

US-CL-CURRENT: 435/405; 435/384, 435/387, 435/391, 435/392, 435/404, 435/406, 435/408

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMHC
Draw Desc	Image									

☐ 8. Document ID: US 6033674 A

L2: Entry 8 of 16

File: USPT

Mar 7, 2000

US-PAT-NO: 6033674

DOCUMENT-IDENTIFIER: US 6033674 A

TITLE: Method of treating cancer with a tumor cell line having modified cytokine expression

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaffee; Elizabeth M.	Lutherville	MD		
Pardoll; Drew M.	Brookville	MD		
Levitsky; Hyam I.	Owings Mills	MD		

US-CL-CURRENT: 424/277.1; 424/85.1, 424/93.21, 424/93.7, 435/369, 435/375, 435/384, 435/405, 435/406, 435/69.5, 435/70.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMHC
Draw Desc	Image									

☐ 9. Document ID: US 5985290 A

L2: Entry 9 of 16

File: USPT

Nov 16, 1999

US-PAT-NO: 5985290

DOCUMENT-IDENTIFIER: US 5985290 A

TITLE: Purified pancreatic tumor cell lines and related compositions and method

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jaffee; Elizabeth M.	Lutherville	MD		
Pardoll; Drew M.	Brookville	MD		
Levitsky; Hyam I.	Owings Mills	MD		

US-CL-CURRENT: 424/277.1; 424/85.1, 424/93.21, 424/93.7, 435/369, 435/375, 435/384,
435/405, 435/406, 435/69.5, 435/70.1 , 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 10. Document ID: US 5869040 A

L2: Entry 10 of 16

File: USPT

Feb 9, 1999

US-PAT-NO: 5869040

DOCUMENT-IDENTIFIER: US 5869040 A

TITLE: Gene therapy methods and compositions

DATE-ISSUED: February 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oin; Xiao-Oiang	Brighton	MA		

US-CL-CURRENT: 424/93.21; 435/320.1, 435/366, 435/69.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 11. Document ID: US 5856155 A

L2: Entry 11 of 16

File: USPT

Jan 5, 1999

US-PAT-NO: 5856155

DOCUMENT-IDENTIFIER: US 5856155 A

TITLE: Compounds and related methods for modulating potassium ion channels and assays for such compounds

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Min	Lutherville	MD		

US-CL-CURRENT: 435/455; 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 435/91.1,
435/91.3, 514/44, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 12. Document ID: US 5804604 A

L2: Entry 12 of 16

File: USPT

Sep 8, 1998

US-PAT-NO: 5804604

DOCUMENT-IDENTIFIER: US 5804604 A

TITLE: Tat-derived transport polypeptides and fusion proteins

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA		
Pabo; Carl	Newton	MA		
Barsoum; James G.	Lexington	MA		
Fawell; Stephen E.	Winchester	MA		
Pepinsky; R. Blake	Arlington	MA		

US-CL-CURRENT: 530/324; 530/300, 530/328, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 13. Document ID: US 5747641 A

L2: Entry 13 of 16

File: USPT

May 5, 1998

US-PAT-NO: 5747641

DOCUMENT-IDENTIFIER: US 5747641 A

TITLE: Tat-derived transport polypeptide conjugates

DATE-ISSUED: May 5, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA	94920	
Pabo; Carl	Newton	MA	02158	
Barsoum; James G.	Lexington	MA	02173	
Fawell; Stephen E.	Winchester	MA	01890	
Pepinsky; R. Blake	Arlington	MA	02174	

US-CL-CURRENT: 530/300; 530/324, 530/326, 530/350, 530/402

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 14. Document ID: US 5674980 A

L2: Entry 14 of 16

File: USPT

Oct 7, 1997

US-PAT-NO: 5674980

DOCUMENT-IDENTIFIER: US 5674980 A

TITLE: Fusion protein comprising tat-derived transport moiety

DATE-ISSUED: October 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA	94920	
Pabo; Carl	Newton	MA	02158	
Barsoum; James G.	Lexington	MA	02173	
Fawell; Stephen E.	Winchester	MA	01890	
Pepinsky; R. Blake	Arlington	MA	02174	

US-CL-CURRENT: 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
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☐ 15. Document ID: US 5670617 A

L2: Entry 15 of 16

File: USPT

Sep 23, 1997

US-PAT-NO: 5670617

DOCUMENT-IDENTIFIER: US 5670617 A

TITLE: Nucleic acid conjugates of tat-derived transport polypeptides

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA	94920	
Pabo; Carl	Newton	MA	02158	
Barsoum; James G.	Lexington	MA	02173	
Fawell; Stephen E.	Winchester	MA	01890	
Pepinsky; R. Blake	Arlington	MA	02174	

US-CL-CURRENT: 530/300; 530/324, 530/328, 530/345, 536/23.1, 536/24.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC
Draw Desc	Image									

☐ 16. Document ID: US 5652122 A

L2: Entry 16 of 16

File: USPT

Jul 29, 1997

US-PAT-NO: 5652122

DOCUMENT-IDENTIFIER: US 5652122 A

TITLE: Nucleic acids encoding and methods of making tat-derived transport polypeptides

DATE-ISSUED: July 29, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Alan	Tiburon	CA	94920	
Pabo; Carl	Newton	MA	02158	
Barsoum; James G.	Lexington	MA	02173	
Fawell; Stephen E.	Winchester	MA	01890	
Pepinsky; R. Blake	Arlington	MA	02174	

US-CL-CURRENT: 435/69.7; 435/252.3, 435/254.11, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

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Terms	Documents
(liposome\$) adj5 (coat\$) adj5 (calcium adj1 phosphate\$)	16

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DATE: Thursday, September 26, 2002

Set Name **Query**
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Hit Count **Set Name**
result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L2 (hydroxyapatite) adj5 (calcium adj1 phosphate) adj5 (implant or implants)

4 L2

L1 (hydroxyapatite) adj5 (apatite) adj5 (implant or implants)

6 L1

END OF SEARCH HISTORY

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L2: Entry 2 of 4

File: USPT

Mar 27, 2001

DOCUMENT-IDENTIFIER: US 6207218 B1

TITLE: Method for coating medical implants

Brief Summary Text (6):

Several techniques, such as plasma spraying, flame spraying, electrophoretic deposition, magnetron sputtering and dipping, have been developed for coating hydroxyapatite and others calcium phosphates onto implants. The most conventional coating method is plasma spraying.

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: US 6312472 B1

L2: Entry 1 of 4

File: USPT

Nov 6, 2001

US-PAT-NO: 6312472

DOCUMENT-IDENTIFIER: US 6312472 B1

TITLE: Biocompatible medical implant element.

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hall; Jan	Goteborg			SE
Hermansson; Leif	Uppsala			SE

US-CL-CURRENT: 623/23.53; 427/2.24, 623/23.56

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
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☐ 2. Document ID: US 6207218 B1

L2: Entry 2 of 4

File: USPT

Mar 27, 2001

US-PAT-NO: 6207218

DOCUMENT-IDENTIFIER: US 6207218 B1

TITLE: Method for coating medical implants

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Layrolle; Pierre Jean Fran.cedilla.ois	Utrecht			NL
Groot; Klaas de	Heemstede			NL
de Bruijn; Joost Dick	Den Haag			NL
van Blitterswijk; Clemens A.	Hekendorp			NL
Huipin; Yuan	Zeist			NL

US-CL-CURRENT: 427/2.27; 427/2.24, 427/2.26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC
Draw Desc	Image										

☐ 3. Document ID: US 6190412 B1

L2: Entry 3 of 4

File: USPT

Feb 20, 2001

US-PAT-NO: 6190412

DOCUMENT-IDENTIFIER: US 6190412 B1

TITLE: Trap-coated bone grafts and prostheses

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Minako Yoshioka	Seattle	WA		
Eyre; David Rodney	Seattle	WA		
Weis; Mary Ann Eklof	Everett	WA		

US-CL-CURRENT: 623/16.11; 623/11.11, 623/23.76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 4. Document ID: US 5039546 A

L2: Entry 4 of 4

File: USPT

Aug 13, 1991

US-PAT-NO: 5039546

DOCUMENT-IDENTIFIER: US 5039546 A

TITLE: Fluoride treatment of hydroxyapatite coated metal implants

DATE-ISSUED: August 13, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; Harvey	Rancho Palos Verdes	CA	90274	
Liu; Sung-Tsuen	Laguna Niguel	CA	92677	

US-CL-CURRENT: 427/2.27; 427/2.29, 427/343, 427/430.1, 427/443.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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Terms	Documents
(hydroxyapatite) adj5 (calcium adj1 phosphate) adj5 (implant or implants)	4

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